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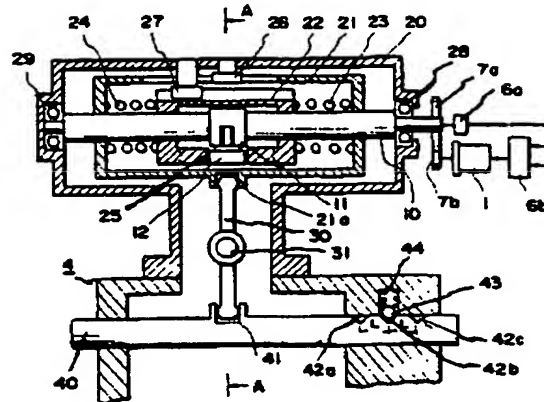
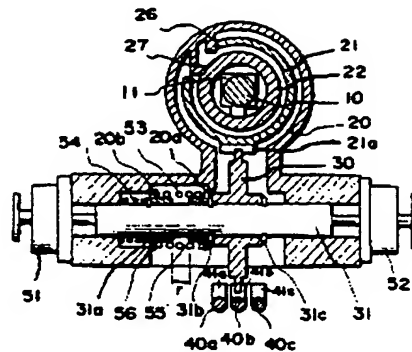
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APPLICANT : FUJI ELECTRIC CO LTD;

INVENTOR : FUJINAMI FUTOSHI;

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TITLE : DRIVING DEVICE OF SPEED
CHANGER



ABSTRACT : PURPOSE: To use a parallel shaft gear type speed changer as an automatic speed changer, by providing a driving mechanism in which a swing lever engaged to and driving a shift rod is driven respectively in the selective direction and the shifting direction.

CONSTITUTION: To select a position N_1 by operating a selective driving mechanism, if a solenoid 52 is excited, a shaft 31 is driven leftward against a spring 53. As a result, one end of a swing lever 30 is engaged to a shift block 41a of a shift rod 40a to select the position N_1 . Then to select a position of 1-speed by operating a shift driving mechanism, if a motor 1 is rotated clockwise, a cylindrical cam 22 is moved by a distance L in the right direction through a cam mechanism to turn the lever 30 with the shaft 31 as the center and select the position of 1-speed.

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